

What is claimed is:

1. A connector assembly for connecting an inflatable article to an inflation source, the assembly comprising:

5 a semi-rigid, hollow connector housing having a first, generally tubular, insertable section, insertable through an opening in a flexible wall of said inflatable article, and a second external section extending oppositely from the insertable section and outwardly from said flexible wall upon insertion, the external section and the insertable section being connected, the two sections providing a continuous air passageway therethrough into the inflatable article upon insertion therein, said passageway extending from an external opening in said external section and being removably connectable thereat to said source of inflation fluid, through the connector assembly, and into the inflatable article, wherein said insertable section has an external circumferential groove therearound which, upon insertion into and through said wall opening, is
15 secured thereat by an elastic washer positioned immediately adjacent to and concentric with said wall opening, said washer being press-fit into said groove, the washer providing a seal at said wall opening, thereby sealing off leakage of fluid to or from said inflatable article and confining fluid passage to and through said passageway, thereby providing, when assembled, a low-profile pathway
20 for fluid communication from said external source into said inflatable article through a wall opening thereof, and

wherein said external section further comprises a pressure relief valve.

2. The connector assembly of claim 1 providing a seal effective to a pressure gradient of at least 70 mbar.

25 3. The connector assembly of claim 1 providing a seal effective to a pressure gradient of at least 200 mbar.

4. The connector assembly of claim 1 wherein the housing and insertable section are integrally formed into a unitary construction.